

महाराष्ट्र प्रादेशिक नियोजन व नगररचना
अधिनियम, १९६६ चे कलम ३७(२) अन्वये
अधिसूचना....

नाशिक शहराच्या विकास नियंत्रण
नियमावलीमध्ये वर्षा जल संवर्धन संयंत्राची
तरतूद समाविष्ट करणेबाबत फेरबदल.

२००८/११/२२
१५/१०/०८

महाराष्ट्र शासन
नगर विकास विभाग

मंत्रालय, मुंबई : ४०० ०३२

शासन निर्णय क्र.टिपीएस-११०९/२०१/प्र.क्र.२४२/०९/नवि-९,

दिनांक : २८ ऑगस्ट, २००९

शासन निर्णय :- सोबतची अधिसूचना (इंग्रजी) महाराष्ट्र शासनाचे राजपत्रात कृपया प्रसिध्द करावी.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नांवाने,

(प्रदीप गोहिल)

कक्ष अधिकारी, महाराष्ट्र शासन

प्रति,

- १) विभागीय आयुक्त, नाशिक विभाग नाशिक
- २) आयुक्त, नाशिक महानगरपालिका, नाशिक
- ३) संचालक, नगर रचना, महाराष्ट्र राज्य, पुणे.
- ४) जिल्हाधिकारी, नाशिक .
- ५) उप सचिव (नगररचना), नगर विकास विभाग, मंत्रालय, मुंबई.
- ६) उपसंचालक, नगररचना, नाशिक विभाग, नाशिक
- ७) सहायक संचालक नगर रचना, नाशिक शाखा, नाशिक
- ८) व्यवस्थापक, शासकीय मुद्रणालय, येरवडा कारागृह, पुणे

(त्यांना विनंती करण्यात येते की, सोबतची शासकीय अधिसूचना महाराष्ट्र शासनाचे राजपत्रात नाशिक विभागीय पुरवणी भाग-१ मध्ये प्रसिध्द करण्यात येऊन त्यांच्या प्रत्येकी ५ प्रती या विभागास, उपसंचालक, नगर रचना, नाशिक विभाग, नाशिक व संचालक नगर रचना, महाराष्ट्र राज्य, पुणे यांना पाठविण्यात याव्यात.)

✓ (१०)

कक्ष अधिकारी, कार्यासन नवि-२९, नगर विकास विभाग, मंत्रालय, मुंबई

(त्यांना विनंती करण्यात येते की, सोबतची अधिसूचना विभागाच्या वेब साईटवर ठेवावी.)

✓ (११)

निवडनस्ती (कार्यासन नवि-९)

The Maharashtra Regional and Town Planning Act, 1966.

Notification under section 37(2) of ..
Regarding Special provision of Rain
Water Harvesting Systeem in area under
Nashik Municipal Corporation.

GOVERNMENT OF MAHARASHTRA
Urban Development Department,
Mantralaya, Mumbai 400 032.
Dated - 28th August, 2009.

NOTIFICATION

No. TPS-1109/201/CR-242/09/UD-9 : Whereas Development Control Regulations for Nashik Municipal Corporation (hereinafter referred to as "the said Regulations") have been sanctioned by Government in Urban Development Department under section 31(1) of the Maharashtra Regional and Town Planning Act, 1966 (hereinafter referred to as "the said Act") vide Notification No. TPS-1191/35/CR-88/UD-9, dated 28th September, 1993 to come into force with effect from 16th November, 1993 ;

Rain water is the main source of drinking water as well as for other purposes in urban areas. Ground water is also one of the subordinate source. However, due to shortage of rains and due to over-exploitation of ground water, inadequate recharge, such sources dry up resulting into scarcity of water in off-rainy seasons. This shortage of water from any source demands measure to have an emphasize on strengthening and/or saving of available water ;

After considering this issue seriously, Government have decided to take effective measures for collection of rain water from roof tops, paved/unpaved surfaces etc. and to use it either for recharging ground water or storing it in storage tanks. For this, it has been further decided that henceforth, no building permission be granted unless provision is made for Rain Water Harvesting Scheme ;

And whereas, Government has issued directives to include the provision of Rain Water Harvesting System in their Development Control Rules under section 37(1) of the said Act to all the Planning Authorities vide Urban Development Department's Order No. TPB-432001/2133/CR-230/01/UD-11, dated 10th March, 2005 (hereinafter referred to as "the said Order") ;

And whereas the Nashik Municipal Corporation vide its Marathi letter No. नरवि/वशि/नाशिक/१४४८/२००, dated 3rd January, 2009 has submitted the modification proposal regarding incorporation of the Special provision of Rain Water Harvesting System as per the said Order (hereinafter referred to as "the said Modification Proposal") for sanction to Government after following the procedure laid under section 37 of the said Act ;

And whereas, after consulting the Director of Town Planning, Maharashtra State Pune and after making necessary enquiries the Government is of the opinion that the said Modification Proposal is necessary and should be sanctioned ;

Now therefore, in exercise of the powers conferred by sub-section (2) of section 37 of the said Act, the Government hereby finally sanctions the said Modification Proposal as per **Schedule** appended to this Notification and for that purpose amends the Urban Development Department Notification No. TPS-1191/35/CR-88/UD-9, dated 28th Sep. 1993 ;

Note:—

A) A copy of the sanctioned Regulations regarding the Special provision of Rain Water Harvesting System in area under Nashik Development Plan i.e. abovesaid Schedule is kept open for inspection by the general public in the offices of the following officers for the period of one month:

- 1) The Municipal Commissioner, Nashik Municipal Corporation, Nashik.
- 2) The Deputy Director of Town Planning, Nashik Division, Nashik.
- 3) The Assistant Director of Town Planning, Nashik Branch, Nashik.

B) This notification is also available on Govt. web site
www.urban.maharashtra.gov.in

By order and in the name of the Governor of Maharashtra,



(Pradeep Gohil)

Section Officer to Government.

RAIN WATER HARVESTING

- a) All the layout open spaces/amenity spaces of housing societies and new constructions/ reconstruction's/ additions on plots having area not less than 300 sq.mt. in non gaothan areas of all towns shall have one or more Rain Water Harvesting structures having a minimum total capacity as detailed in **Schedule**.

Provided that the Authority may approve the Rain Water Harvesting Structures of specifications different from those in Schedule, subject to the minimum capacity of Rain Water Harvesting being ensured in each case.

- b) The owner/society of every building mentioned in the (a) above shall ensure that the Rain Water Harvesting structure is maintained in good repair for storage of water for non potable purposes or recharge of groundwater at all times.
- c) The Authority may impose a levy of not exceeding Rs.1000/- per annum for every 100 sq.mt. of built up area for the failure of the owner of any building mentioned in the (a) above to provide or to maintain Rain Water Harvesting structures as required under these byelaws.

SCHEDULE

RAIN WATER HARVESTING

Rain Water Harvesting in a building site includes storage or recharging into ground of rain water falling on the terrace or on any paved or unpaved surface within the building site.

1. The following systems may be adopted for harvesting the rain water drawn from terrace and the paved surface.
 - (i) **Open well** of a minimum of 1.00 mt. dia and 6 mt. in depth into which rain water may be channeled and allowed after filtration for removing silt and floating material. The well shall be provided with ventilating covers. The water from the open well may be used for non potable domestic purposes such as washing, flushing and for watering the garden etc.
 - (ii) Rain water harvesting for recharge of ground water may be done through a **bore well** around which a pit of one metre width may be excavated upto a depth of at least 3.00 mt. and refilled with stone aggregate and sand. The filtered rain water may be channeled to the refilled pit for recharging the borewell.

And whereas, after consulting the Director of Town Planning, Maharashtra State Pune and after making necessary enquiries the Government is of the opinion that the said Modification Proposal is necessary and should be sanctioned ;

Now therefore, in exercise of the powers conferred by sub-section (2) of section 37 of the said Act, the Government hereby finally sanctions the said Modification Proposal as per **Schedule** appended to this Notification and for that purpose amends the Urban Development Department Notification No. TPS-1191/35/CR-88/UD-9, dated 28th Sep. 1993 ;

Note:-

A) A copy of the sanctioned Regulations regarding the Special provision of Rain Water Harvesting System in area under Nashik Development Plan i.e. abovesaid Schedule is kept open for inspection by the general public in the offices of the following officers for the period of one month:

- 1) The Municipal Commissioner, Nashik Municipal Corporation, Nashik.
- 2) The Deputy Director of Town Planning, Nashik Division, Nashik.
- 3) The Assistant Director of Town Planning, Nashik Branch, Nashik.

B) This notification is also available on Govt. web site
www.urban.maharashtra.gov.in

By order and in the name of the Governor of Maharashtra,



(Pradeep Gohil)

Section Officer to Government.

(iii) An impervious surface /underground storage tank of required capacity may be constructed in the setback or other open space and the rain water may be channeled to the storage tank. The storage tank shall always be provided with ventilating covers and shall have draw-off taps suitably placed so that the rain water may be drawn off for domestic, washing gardening and such other purposes. The storage tanks shall be provided with an overflow.

[iv] The surplus rain water after storage may be recharged into ground through percolation pits or trenches or combination of pits and trenches. Depending on the geomorphological and topographical condition, the pits may be of the size of 1.20 mt. width X 1.20 mt. length X 2.00 mt. to 2.50 mt. depth. The trenches can be of 0.60 mt. width X 2.00 to 6.00 mt. length X 1.50 to 2.00 mt. depth. Terrace water shall be channeled to pits or trenches. Such pits or trenches shall be back filled with filter media comprising the following materials.

- a) 40 mm stone aggregate as bottom layer upto 50% of the depth;
- b) 20 mm stone aggregate as lower middle layer upto 20% of the depth;
- c) Coarse sand as upper middle layer upto 20% of the depth;
- d) A thin layer of fine sand as top layer;
- e) Top 10% of the pits/trenches will be empty and a splash is to be provided in this portion in such a way that roof top water falls on the splash pad.
- f) Brick masonry wall is to be constructed on the exposed surface of pits/trenches and the cement mortar plastered.

The depth of wall below ground shall be such that the wall prevents loose soil entering into pits/trenches. The projection of the wall above ground shall at least be 15 cms.

g) Perforated concrete slabs shall be provided on the pits/trenches.

[v] If the open space surrounding the building is not paved, the top layer upto a sufficient depth shall be removed and refilled with coarse sand to allow percolation of rain water into ground.

1. The terrace shall be connected to the open well/borewell/storage tank/recharge pit/trench by means of HDPE/PVC pipes through filter media. A valve system shall be provided to enable the first washings from roof or terrace catchment, as they would contain undesirable dirt. The mouths of all pipes and opening shall be covered with mosquito (insect) proof wire net. For the efficient discharge of rain water, there shall be at least two rain water pipes of 100 mm dia mtr. for a roof area of 100 sq.mt.
2. Rain water harvesting structures shall be sited as not to endanger the stability of building or earthwork. The structures shall be designed such that no dampness is caused in any part of the walls or foundation of the building or those of an adjacent building.

(iii) An impervious surface /underground storage tank of required capacity may be constructed in the setback or other open space and the rain water may be channeled to the storage tank. The storage tank shall always be provided with ventilating covers and shall have draw-off taps suitably placed so that the rain water may be drawn off for domestic, washing gardening and such other purposes. The storage tanks shall be provided with an overflow.

[iv] The surplus rain water after storage may be recharged into ground through percolation pits or trenches or combination of pits and trenches. Depending on the geomorphological and topographical condition, the pits may be of the size of 1.20 mt. width X 1.20 mt. length X 2.00 mt. to 2.50 mt. depth. The trenches can be of 0.60 mt. width X 2.00 to 6.00 mt. length X 1.50 to 2.00 mt. depth. Terrace water shall be channeled to pits or trenches. Such pits or trenches shall be back filled with filter media comprising the following materials.

- a) 40 mm stone aggregate as bottom layer upto 50% of the depth;
- b) 20 mm stone aggregate as lower middle layer upto 20% of the depth;
- c) Coarse sand as upper middle layer upto 20% of the depth;
- d) A thin layer of fine sand as top layer;
- e) Top 10% of the pits/trenches will be empty and a splash is to be provided in this portion in such a way that roof top water falls on the splash pad.
- f) Brick masonry wall is to be constructed on the exposed surface of pits/trenches and the cement mortar plastered.

The depth of wall below ground shall be such that the wall prevents loose soil entering into pits/trenches. The projection of the wall above ground shall atleast be 15 cms.

g) Perforated concrete slabs shall be provided on the pits/trenches.

[v] If the open space surrounding the building is not paved, the top layer upto a sufficient depth shall be removed and refilled with coarse sand to allow percolation of rain water into ground.

1. The terrace shall be connected to the open well/borewell/storage tank/recharge pit/trench by means of HDPE/PVC pipes through filter media. A valve system shall be provided to enable the first washings from roof or terrace catchment, as they would contain undesirable dirt. The mouths of all pipes and opening shall be covered with mosquito (insect) proof wire net. For the efficient discharge of rain water, there shall be at least two rain water pipes of 100 mm dia mtr. for a roof area of 100 sq.mt.
2. Rain water harvesting structures shall be sited as not to endanger the stability of building or earthwork. The structures shall be designed such that no dampness is caused in any part of the walls or foundation of the building or those of an adjacent building.

3. The water so collected/recharged shall as far as possible be used for non-drinking and non-cooking purpose.

Provided that when the rain water in exceptional circumstances will be utilized for drinking and/or cooking purpose, it shall be ensured that proper filter arrangement and the separate outlet for by passing the first rain-water has been provided.

Provided further that it will be ensured that for such use, proper disinfectants and the water purification arrangements have been made.
